DECLARATION AND POWER OF ATTORNEY

EBT 9087 US
Docket No.

As a below named inventor, I hereby declare that:

(a) My residence, post office address and citizenship are as stated below next to my name.

(b) I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR TESTING A SUBSTRATE

the specification of which
(check one) [X] is attached hereto.
[ ] was filed on ______________, as Application Serial No. __________, and was amended on ______________ (if applicable).

(c) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

(d) I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 (a).

(e) I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year filed)	Priority Claimed
198 02 848.2	Germany	26 January 1998	[X] Yes [ ] No
			[ ] Yes [ ] No

(f) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior U.S. application in the manner provided by the first paragraph of Title 35, U.S. Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 (a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Ser. No.)	(Filing Date)	(Status-patented, pending, abandoned)

I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

E.J. Biskup	- 18,987			P.J. Ethington	- 17,299
J.C. Evans	- 20,124	R.L. Farris	- 25,112	F.J. Fodale	- 20,824
R.W. Hoffmann	- 33,711	J.F. Learman	- 17,069	J.K. McCulloch	- 17,452
J.P. Moran	- 20,941	S.L. Permut	- 28,388	O.E. Perry	- 19,969
R.L. Stearns	- 36,937	J.D. Stevens	- 35,691	C.R. White	- 20,494

SEND CORRESPONDENCE TO:

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Saginaw, Michigan 48603

DIRECT TELEPHONE CALLS TO:

John K. McCulloch

(517) 799-5300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature
Matthias Brunner
Date: November 10, 1998
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[ ] Additional names and signatures are attached

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
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MAY 16, 2000

PTAS

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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/22/2000

REEL/FRAME: 010629/0114
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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
ETEC EBT GMBH

DOC DATE: 02/01/2000

ASSIGNEE:
ETEC SYSTEMS, INC.
26460 CORPORATE AVENUE
HAYWARD, CALIFORNIA 94545

SERIAL NUMBER: 09204430
PATENT NUMBER:

FILING DATE: 12/03/1998
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
MAY 26 2000
LEARMAN & McCULLOCH

ASSIGNMENT

WHEREAS Etec EBT GmbH (Assignor), Phillip-Hauck-Strasse 6, 85622 Feldkirchen, Federal Republic of Germany, is the owner of record of the following United States patent application:

Serial No. 09/204,430 filed 12/3/98

WHEREAS ETEC Systems, Inc. (Assignee), a Nevada corporation having an office at 26460 Corporate Avenue, Hayward, California 94545, is desirous of acquiring an interest in said patent application and the inventions disclosed therein;

NOW, THEREFORE, in consideration of the sum of One Dollar ($1.00) and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns to Assignee, its successors, assigns, and legal representatives all of Assignor's right, title, and interest in and to said patent application and the inventions disclosed therein.

IN WITNESS WHEREOF Assignor has caused this instrument to be executed by its duly authorized representative this 1st day of February, 2000.

By G. Brunner
Matthias Brunner
Managing Director

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